



Welcome to the growing family of owners of PHILIPS equipment.

Thank you for buying a HDRW 720/69. The following pages contain explanations of the main features that will help you better understand how the HDRW 720/69 works.

You will find step-by-step descriptions of each function in the respective chapter of the User manual.

## Features

The HDRW 720 is a DVD recorder that can store TV-shows on a built-in hard disk (HDD). Moreover, it is a DVD player that can play back DVDs, audio and (s-)video CDs, and MP3 CDs. You can play back and edit the stored TV shows (or camcorder recordings), and save (archive) these on DVD+RW/+R media for later viewing.

But your HDRW 720 is more than just an ordinary DVD recorder with a built-in hard disk.

From now on, it's better to use your TV set just as a monitor and tune to the various TV channels from your DVD recorder, taking advantage of features like FlexTime, Instant Replay, or the ability to pause live TV.

- **FlexTime:**

With FlexTime, you can watch or rewind a TV show while it is being recorded.

You don't have to wait until the end of the recording before starting playback.

- **Instant Replay:**

You can repeat a scene of a live TV show at the touch of a button ( **JUMP BACK** ), as often as you like.

- **Pause Live TV**

You can pause a live TV show by pressing **PAUSE II** to, say, answer a phone call, while the recording continues. By pressing **PLAY ►** , you can resume playback of the show at the scene it was interrupted.

## Time Shift Buffer

The above features are available because the HDRW 720 uses a so-called Time Shift Buffer.

As soon as you turn on your DVD recorder, it starts recording from the current TV channel into the Time Shift Buffer. The DVD recorder stores all the TV shows you watched since you turned on the recorder. If you watched a TV show for more than 60 seconds, the recorder will insert a marker. If information is already available from the GUIDE Plus+® system, the recorder will store the title and mark the beginning of the TV show.

**Note:** When you are recording from a cable box through the external input jacks, the title and start/end information will not be available.

If the Time Shift Buffer is full (the default setting is 3 hours) the recorder will delete the oldest

recording to make room for new recordings. You can mark TV shows or parts of these to be recorded permanently on the HDD while the other contents of the Time Shift Buffer will be deleted.



The Time Shift Buffer can be best compared to a conveyor belt running from right to left. A TV show resembles a package on this conveyor belt. If you change the programme number or the GUIDE Plus+® system detects the start of a TV show, a new package will be placed on the conveyor belt. You can adjust the time a package will remain on the conveyor belt from 1 to 6 hours (the default setting is 3 hours).

As long as the packages are still on the conveyor belt, you can mark them red ( **REC/OTR ●** ) or remove the marker ( **RED** function button).

You can only mark the package that's directly in front of you.

At the end of the conveyor belt (the preset time has expired), the recorder will decide whether a package will be stored (marked red) or destroyed (unmarked). Only the packages that are marked red will be stored.

If you delete the Time Shift Buffer, the recorder will immediately remove all packages from the belt, storing only those you marked red.

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## Simultaneous recording and playback

Thanks to the built-in HDD and the high data rates it can achieve, you can record and play back at the same time.

This enables you to:

- watch, pause, or rewind a TV show while it is being recorded (FlexTime, Pause live TV)
- watch a TV show stored on the HDD while another recording is being made
- playback a DVD while the HDD records a TV show.
- store (archive) a TV show from the HDD to a DVD+RW/+R while another show is being recorded on the HDD.

## Media Browser

The Media Browser provides an overview of all the recordings on the HDD. You can display a list of all recordings according to certain criteria ('**Recording Date**', '**Protected**'...). You can select recordings in the Media Browser for playback, editing, or storage on a DVD+RW/+R (archiving). Moreover, you can lock recordings that you can only play back after entering a valid PIN code. If you haven't entered a PIN code yourself, then the PIN code is '0000'.



### Changing the PIN code

- 1 Press **DISC MENU** and then **SYSTEM MENU**,
- 2 Select '⏏' with **◀**, then select the '🔒 (Disc features)' symbol with **▼**, and confirm with **▶**.
- 3 Confirm '**Access control**' with **▶** and enter the 4-digit code. Re-enter the code for confirmation and press **SYSTEM MENU** to end.  
For more information, read chapter 'Access control (child lock)' in the user manual.

## Archiving titles on a DVD+RW/+R

You can copy (archive) recordings from the HDD to a DVD+RW/+R.

To do so, select the desired recording in the Media Browser and press the '**ARCHIVE**' colour function button. That's all!

Since the archiving process will take some time, you can switch to a different TV programme in the meantime by pressing **CHANNEL +**,

**CHANNEL -**. Please note that you cannot use the FlexTime, Instant Replay, and Pause LiveTV features of the Time Shift Buffer or play back a recording from the HDD during the archiving process, since the HDD is already playing back a recording (copying from the HDD to the DVD+RW/+R). Nevertheless, it is possible to make recordings into the Time Shift Buffer (the Time Shift Buffer is filled). If you turn off the DVD recorder using **STANDBY** ⏻, the archiving process will continue until it is completed, and then the DVD-Recorder will switch off automatically.

## Time Shift Buffer (continued)

The Time Shift Buffer is the heart of your HDRW 720. All recordings, except those via the front sockets, will be made into the Time Shift Buffer first.

You can mark a recording to be stored permanently on the HDD.

Recordings are copied on the HDD when:

- the preset Time Shift Buffer period expires (the default setting is 3 hours)
- the Time Shift Buffer is deleted ('**Flush Buffer**'function( **SYSTEM MENU** button, '**Set up**'menu ))
- you turn off the DVD recorder with **STANDBY** ⏻
- you switch to camera mode using **CAM** (switch back with the same button).
- date/time or channel settings have changed (menu is called up).

You can either set markers yourself or the DVD recorder can set such markers automatically, e.g. : timer recordings. The Time Shift Buffer keeps record of which TV shows you watched during the last hours. This is shown using the so-called time bar with a series of recorded programmes on the screen.

On the right-hand side, you can see a moving ||||| symbol indicating that the Time Shift Buffer is being filled.

On the left-hand side, you can also see a moving ||||| symbol indicating that the Time Shift Buffer is being emptied, i.e. recordings are being discarded. The programmes in the Time Shift Buffer are separated by a vertical line. The name of the TV show is displayed above the line. The time information on both sides of the time bar indicate the start and end time of the Time Shift Buffer. The current recording time is on the right-hand end, and the oldest recording on the left-hand end.

## Navigation in the Time Shift Buffer

You can move to any position within the Time Shift Buffer and watch the recording that was stored at that time. The indicator (yellow rectangle on the time bar) shows the playback position in the Time Shift Buffer. You can move this indicator using the ► , ◀ buttons. If the playback position is as far on the right-hand side as it can get, you are watching the current (live) picture of the TV channel you are tuned in. In the header of the Time Shift Buffer, you will see an aerial symbol (contrary to the HDD symbol that appears when playing back from the HDD).

The following is a short overview of the basic buttons for navigation in the Time Shift Buffer:

### ◀◀ , JUMP BACK , ◀

When you reach the left end of the time bar, the recorder will switch to normal playback speed.

### ▶▶ , JUMP FWD , ▶

When you reach the right end of the time bar, you are watching the current TV programme. It is not possible to move further to the right. In order to do so, the recorder would have to anticipate the future programme. You can use ▶▶ to 'catch up' with the current TV programme.

**PAUSE II** If you stopped playback, the indicator will remain at that position until the preset time of the Time Shift Buffer has reached that position (the indicator reaches the left end of the time bar). When it reaches the end, the DVD recorder will automatically switch to playback.

**PLAY ▶** Playback at normal speed. The limits of the Time Shift Buffer cannot be exceeded.

## Recordings using the Time Shift Buffer

Recordings are always stored in the Time Shift Buffer first.

The following recording options are available:

- Programmed recordings (TIMER) that will be carried out automatically at a predefined date/time
- Direct recording of the current, live TV programme.
- Marking of TV shows that have already been stored in the Time Shift Buffer.

You can mark recordings in the Time Shift Buffer to store them on the HDD instead of having them discarded when the Time shift Buffer period expires. When a TV show is marked, a red marker appears on the time bar of the Time Shift Buffer. This marker indicates the recording. You don't need to do anything else.

The DVD recorder automatically transfers a show to the HDD when:

- the preset Time Shift Buffer period expires (the default setting is 3 hours).
- the Time Shift Buffer is deleted ('*Flush Buffer*'function( **SYSTEM MENU** button, '*Set up*'menu )).
- you turn off the DVD recorder with **STANDBY** ⏻ .
- you switch to camera mode using **CAM** (switch back with the same button).
- date/time or channel settings have changed (menu is called up).

In the case of programmed recordings, the marker is set automatically. After that, the recording is also automatically stored on the HDD. When a red marker has been set, you do not need to do anything else. Even if you turn off the recorder with **STANDBY** ⏻ , the recording will be stored first before the DVD recorder automatically switches off.

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## Programming a recording

You have the following options for programming a recording:

### The G-Code® system:

By entering the G-Code programming number, you automatically set start/stop time, date, and programme number

### Manual programming.

## Manually started recordings

To record the current TV show, press **REC/OTR ●**.

If you want to stop the recording, press the **STOP ■** button. Select 'Yes' using **◀** and confirm with **OK**.

If you want to mark a TV programme in the Time Shift Buffer, move the button on the time bar using **▶**, **◀** within the desired programme and press **REC/OTR ●**. To remove the marker, press the **RED** function button. The time bar must be visible. (**INFO** button)

## Recording mode

Recordings on the HDD will be carried out in an adjustable recording quality, the so-called recording mode. The higher the quality, the greater the HDD space required. The recording quality is indicated as M1, M2, M2x, M3, M4, M6, and M8. The number indicates the number of hours that will fit on a single-layer, 4.7GB DVD+RW or DVD+R. This means that you can store only 1 hour of 'M1' recordings on a DVD+RW/+R, while 8 hours of 'M8' recordings will fit on the same disc.

This is particularly important when you want to copy recordings from the HDD onto a DVD+RW/+R. The quality of recordings on the HDD cannot be changed at a later stage.

### For example:

A 3-hour movie that was stored on the HDD in recording quality 'M1' will not fit on a DVD+RW/+R (M1=1 hour on a DVD+RW/+R). Only 1 hour of this movie can be copied onto a DVD+RW/+R. If you recorded the same movie in recording mode M3, the entire movie would fit on a DVD+RW/+R. (M3=3 hours on a DVD+RW/+R).

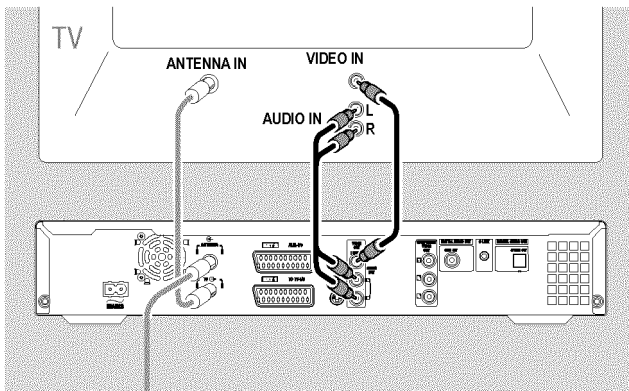
## A few closing instructions

If you have any problems operating the device:

- 1) Read the items in the User Manual in the section 'Before you call an engineer'
- 2) Visit the Internet site <http://www.philips.com/support> to get some online help,
- 3) Call the customer support service. You will find the telephone numbers at the back of the User manual.

## Connecting to the TV

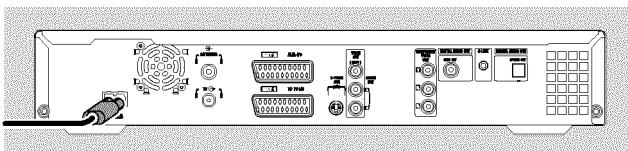
- 1 Switch off your TV set.
- 2 Remove the aerial cable plug from your TV set. Insert it into the **ANTENNA IN** socket at the back of the DVD recorder.
- 3 Insert one end of the supplied aerial cable into the **TV OUT** socket at the back of the DVD recorder and the other end into the aerial input socket at the back of the TV set.
- 4 Connect sockets **S-VIDEO OUT (Y/C)** or **VIDEO OUT (CVBS)** and **AUDIO OUT L/R** with the corresponding sockets of your TV set.



## Connecting to the mains

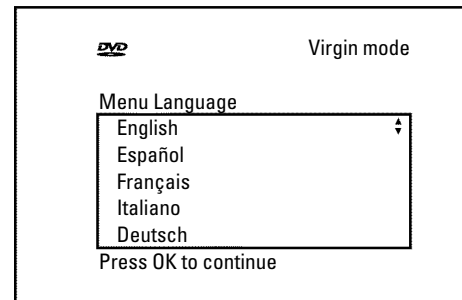
Always check if the local mains voltage matches the voltage range printed on the type plate at the back or bottom of the DVD-recorder. If not consult your dealer or the customer support from your country.

- 1 Switch on the TV set.
- 2 Insert one end of the supplied mains cable into the mains socket **~ MAINS** at the back of the DVD recorder and the other end into the wall socket.



## Initial installation

- 1 Press **STANDBY-ON**  $\odot$  on the front of the DVD-recorder  
→ 'PHILIPS' and then 'IS TV ON?' will appear on the display.
- 2 If necessary, select the programme number for the input socket at the TV set.  
→ The initial installation menu appears on the screen.



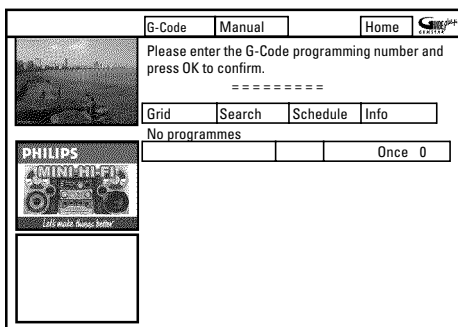
- 3 Select your favourite setting using  $\blacktriangledown$  or  $\blacktriangle$  .  
Confirm with **OK** .
- 4 Proceed in the same way with the further menus: '**Audio Language**', '**Subtitle**', '**TV shape**', '**Country**' .  
→ The Automatic channel search starts after the confirmation of the message '**If you have connected the antenna - press OK**' using **OK** .  
→ After all channels have been found, the menu for Time/Date setting appears.  
Check the data displayed and change them if necessary
- 5 To end, press **SYSTEM MENU** .

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## Programming recordings with the G-Code® System

# G-CODE®

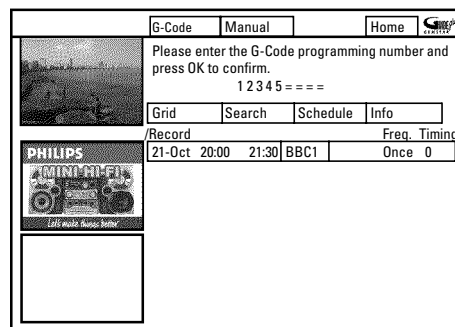
- 1 Switch on the TV set. If required, select the programme number for the DVD recorder.
- 2 Press **TIMER** ⊖ on the remote control.  
→ The '**Schedule**' screen will appear
- 3 Press the red function button ('**G-Code**').



- 4 Enter the entire G-Code number. This number is up to 9 digits long and can be found next to the start time of the TV programme in your TV listings magazine.  
e.g.: 5-312-4 or 5,312 4  
Enter 53124 for the G-Code-number.  
Use therefore the number buttons **0..9** on the remote control.  
If you make a mistake you can press ◀ or the green action button to go back a position.
- 5 Confirm with **OK**.

× '**Please enter programme number**' appears on the screen

- ✓ This message appears when the TV channel has not been assigned yet.  
Enter the program number and confirm with **OK**.



- The decoded data appears after confirmation.  
You can use the colour buttons to make the following settings.  
First, the right tile must be highlighted (▶ button). Check the functions (descriptions) in the corresponding colour field before pressing a button.

### **Deactivate 'VPS/PDC'!**

If 'VPS/PDC' appears instead of the time, press the yellow function button until the 'VIP' sign disappears.

### **Setting up repeat recordings**

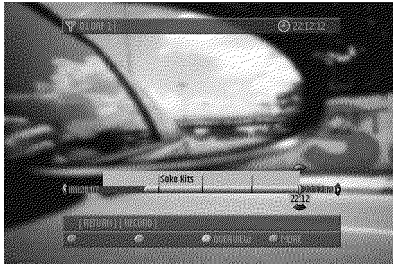
You can choose from the following settings with the green action button:

- 'Frequency': 'Once': single recordings
- 'M-F': Repeated daily recordings (Monday to Friday).
- 'Mon': Repeated weekly recordings (every week on the same day e.g. Monday).

- 6 If all information is correct, press the **OK** button. The data is stored.
- 7 To end, press **TIMER** ⊖.

If one or more recordings have been programmed '**TIMER**' will light up on the display.

## Recording on the HDD



As soon as you turn on the DVD recorder, the currently selected TV channel on the DVD-Recorder is recorded in a temporary storage (Time shift Buffer).

Therefore, you can jump back to the currently selected TV programme using **JUMP BACK** and watch a scene again.

Moreover, you can use all playback features such as still picture, slow motion, search by time, search with **◀◀** , **▶▶** even with recordings that are still in the time shift buffer.

In the meantime, the recording continues.

Recordings in the time shift buffer will be automatically deleted (factory setting 3 hours).

Only recordings marked in the Time shift Buffer will be stored on the the built-in HDD

## Symbols in the 'Time Shift Buffer'

Following symbols can appear in the info bar at the top of the screen in the 'Time Shift Buffer'. With the **INFO** button on the remote control you can also call up this infobar.

### Left area

Information about the input signal were displayed here:

'Y' Actual TV show (live picture) from the selected TV channel

'P01' Programme/Channel number of the selected TV channel

⏮ Playback from the HDD

### Right area

Information about the current operating status were displayed here:

⌚ 16:03:02' Actual (live) picture of the selected TV-channel  
( **TUNER** button)

▶ **PLAY** Playback from the HDD

⏸ **PAUSE** Still picture

▶ **1/2X** Slow motion forwards

◀ **-1/2X** Slow motion backwards

▶▶ **4X** Fast motion forwards

◀◀ **-4X** Fast motion backwards

## Buttons in the 'Time Shift Buffer'

- 1 Press **INFO** to display the bar of the time shift buffer on the screen.
- 2 The following buttons are available:
  - **◀◀** , **▶▶** , **PLAY ▶** , **PAUSE II** , **◀** , **▶** , **JUMP FWD** , **JUMP BACK** for navigation in the time bar.
  - **RETURN**  
You can jump back to the previous scene of the time shift buffer or to playback from the HDD.  
If you press this button again, you can switch to the picture of the actual running TV show.
  - **TUNER**  
To switch to the actual TV show (live) of the selected TV channel.
  - **T/C**  
Switching between title/chapter for selection using **◀◀** , **▶▶** . The top screen line displays either '**TITLE**' for selecting titles or '**CHAPTER**' for selecting chapters
  - **REC/OTR ●** :
    - To start a recording that will be stored on the HDD.
    - To mark a title that will be stored on the HDD.
    - Hold button down to start the recording from the actual position.
  - **RED** function button:
    - To cancel the marked recording that was set with the **REC/OTR ●** button.
    - Hold button down to stop the recording at the actual position.
  - **YELLOW** function button: ('**OVERVIEW**')  
To display an overview of all content of the time shift buffer.
  - **BLUE** function button: ('**MORE INFO**'):  
To display any additional information for the actual TV show transmitted by the GUIDE Plus+® system.

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## Manual recordings

When you switch on the DVD recorder, the currently selected TV programme will be recorded in the Time Shift Buffer. In order to store a recording on the HDD, you must mark it red in the Time Shift Buffer (time bar) before the Time Shift Buffer is deleted.

### How can I delete the Time Shift Buffer?

- Switch off the recorder using **STANDBY** ⏻
- Select the '**Flush Buffer**' feature ( **SYSTEM MENU** button, '**Set up**' menu)
- The preset time of the Time Shift Buffer (1-6 hours) has expired

## Starting a recording

- 1 In case the time bar of the Time Shift Buffer is not visible on the screen, press **INFO** on the remote control.
- 2 Press **REC/OTR** ● .
  - The red light around the record button ● on the front will switch on.
  - '**1 Programm +30'** will appear on the screen on the right end of the time bar. This indicates that the recording will automatically end after 30 minutes. Press **REC/OTR** ● several times to prolong the switch-off time.

### Recording the previous TV show

If the DVD recorder has been on for some time, the Time Shift Buffer already contains recordings. You can select those recordings (TV shows) that you want to store on the HDD.

- Select the beginning of the oldest recording with ◀ or ▶ and hold down **REC/OTR** ● to mark the recording from the beginning.
  - Select the end of the most recent recording using ▶ or ◀ and hold down the **RED** function button to cut off the end.
- You can remove the marker using the **RED** function button.

## Starting a recording from the current position (from here onward)

You can also start a recording immediately, regardless of the recordings in the Time Shift Buffer.

- 1 Hold down **REC/OTR** ● until the red light on the record button ● at the front switches on.

## Ending a recording manually(immediately)

- 1 If necessary, switch the TV set to the programme number (input socket) of the DVD recorder.
- 2 Press **STOP** ■
  - A message appears on the screen, asking whether you really want to end the recording.
  - If you want to end the recording, select '**Yes**' with ◀ and confirm with **OK** .
  - If you do not want to end the recording, confirm '**No**' using **OK** .

**STOP** ■ will always end only the current recording (current time).

If you want to end a recording earlier than scheduled (jump back in the Time Shift Buffer using ◀ ), proceed as follows:

- Press **INFO** to display the time bar.
- Hold down the red function button.

- 3 To permanently store the recording on the hard disk, you have to erase the Time Shift Buffer. The following options are available:
  - the preset Time Shift Buffer period expires (the default setting is 3 hours)
  - the Time Shift Buffer is manually erased ('**Flush Buffer**'function( **SYSTEM MENU** button, '**Set up**'menu ))
  - you turn off the DVD recorder with **STANDBY** ⏻
  - you switch to camera mode using **CAM** (switch back with the same function button).

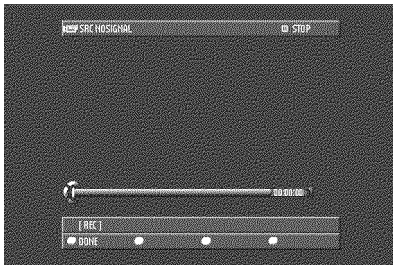


## Recording from the front sockets

Using this function, you can store recordings via the front sockets directly on the HDD.

You can edit these recordings on the HDD and transfer (archive) them later with higher speed on a DVD+RW/+R disc.

- 1 Connect the camcorder to the front sockets.
- 2 Press **CAM** on the remote control.  
→ The DVD recorder will switch to camera mode.



- 3 Select the socket to which the camcorder is connected using **CHANNEL +** or **CHANNEL -**.
  - 'CAM1'
  - For recordings from the **VIDEO (CAM1)**, **S-VIDEO (CAM1)** sockets.  
Switching between the two sockets is done automatically.
  - 'CAM2'
  - For recordings from the **DV IN (CAM2)** socket.
- 4 Press **REC/OTR** to start the recording.
- 5 You can stop the recording using the following buttons:
  - **PAUSE II**  
The recording will be paused. If you press the button again, the recording will resume.  
A new chapter is created.
  - **STOP**  
The recording will be interrupted. You can start a new recording by pressing **REC/OTR**.  
A new title is created.
- 6 Press **CAM** to terminate the camera operating mode.  
→ The recording will be stored on the HDD as a new title.
- 7 Press **CAM** to terminate the camera operating mode.  
→ The recording will be stored on the HDD as a new title.

## Archiving (storing) titles on a DVD+RW/+R

You can choose the title of the HDD that you want to transfer on a DVD+RW/+R.

### Please observe:

For archiving you can only use the same recording quality that was used for recording on the HDD. You cannot change the recording quality for recordings on a DVD+RW/+R.

- 1 Insert a DVD+RW/+R on which you want to store the selected titles.
- 2 Press **BROWSER HDD**.  
→ The media browser appears with an overview of all recordings on the HDD.
- 3 Select the title you want to copy on the DVD+RW/+R using **▼**, **▲**.
  - If you want to archive several titles at a time, mark the desired titles with **SELECT**.
- 4 Start the archiving process by pressing the green function button.

*If this button is not visible on the screen, check if this title is available in the 'Time shift Buffer'. If necessary switch the DVD-Recorder off using **STANDBY** or use the 'Flush Buffer' function (button **SYSTEM MENU**, menu 'Set up')*

- A message indicating the process appears both on the screen and in the display.
- During and after the archiving process, you see the TV show of the currently selected TV channel. The buttons **◀**, **▶**, **JUMP BACK**, **JUMP FWD**, **PLAY ▶**, **PAUSE II** are without function during archiving. Timer recordings will take place.

### Interrupt the process

*Press the yellow function button. If necessary call up the information on the screen using the **INFO** button.*

### Finalising a DVD+R

*If recordings were stored (archived) on a DVD+R you have to finalise it to make play back in a DVD-Player possible.*

- Press **DISC MENU** and then **STOP** to mark the first title.
- Press **▲** to go to the 'disc info screen'
- Press **▶** and select then the line '**Finalise disc**' using **▼**.
- Confirm with **OK**.

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## Playback from the HDD

Each recording stored on the HDD is displayed in the media browser with a corresponding index picture.

- 1 Press **BROWSER HDD** on the remote control or **HDD** on the DVD recorder.  
→ The Media Browser appears.




- 2 Select the title you want using **▼**, **▲** on the remote control or **DOWN**, **UP** on the device.

You can switch a page forward or back using **CHANNEL +**, **CHANNEL -**.



- 3 You can choose one of the following options to start playback:
  - **OK**  
Playback always starts at the beginning of the selected title.
  - **PLAY ►**  
Playback will start at the position where it was interrupted in the selected title( **STOP ■** ). This also works if other titles or DVDs have been played in the meantime.

## Symbols in the 'Media Browser'

If you call up the Media Browser with the **BROWSER HDD** button, following symbols can appear in the info bar at the top of the screen:

- '

### Change the Code

- Press **DISC MENU** and then **SYSTEM MENU**.
- Select the symbol  using **◀** then  ('Disc features') with **▼** and confirm using **▶**.
- Confirm the line '**Access control**' using **▶** and enter the 4 digit code. Enter the code again for confirmation and end using **SYSTEM MENU**.  
In the section 'Changing the PIN code' in chapter 'Access control (Child Lock)' you will find further informations.

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## Buttons in the 'Media Browser'

- **Delete title:**  
red function button  
The title (recordings) will be erased from the HDD.
- **Archive title:**  
green function button  
The title will be transferred to DVD+RW/+R. If it is not possible to record on a DVD+RW/+R, an error message appears (disc not inserted,...).  
If you want to archive several titles, mark the desired titles with **SELECT** . You can unmark the title using the same button.

### **Available functions during archiving**

- Switching between the TV channels using **CHANNEL +** , **CHANNEL -** .
- The selected TV show is recorded in the time shift buffer.
- Timer recordings takes place

- **Lock/unlock title (child lock):**  
yellow function button  
Playback starts only if the right PIN code was entered. If no PIN code has been entered or the PIN code was deleted, the PIN code is '0000'. How you change the PIN code you will read in the section 'Symbols in the media browser'
- **Protect/unprotect title against editing, automatic deletion:**  
blue function button  
An error message will appear if you try to edit this title. Automatically deletion will take place, if your HDD will run full with recordings. Stored recordings will be deleted in a certain order. See details in the section 'Symbols in the media browser'

## Switch over to the actual TV channel during playback from a disc

You can play back a disc, while the current TV show is still being recorded.

- 1 To interrupt playback from a disc, press **TUNER**  
→ You will see the TV-show from the selected TV channel on the DVD-recorder
- To continue playback, from the disc press **DISC MENU** .

## The remote control



**REC/OTR** ● Record the current TV show on the HDD, mark recordings in the time shift buffer to be stored on HDD.

Hold button down to start the recording from now. (Mark the recording from the beginning of the actual position in the Time Shift Buffer).

**STANDBY** ☰ To switch set on or off, interrupt menu function.

A programmed recording (TIMER) or an archiving process will be continued until the end, and the device will then be switched off.

**CAM** Switch to 'Camera mode' (recording directly on the HDD and not through time shift buffer).

**TV/HDD** No function

**RETURN** Return to previous menu on a video CD (VCD). This also works with some DVD discs.

Moreover, you can jump back to the previous scene of the time shift buffer during playback from the HDD. You can switch to the picture of the actual running TV show with the **TUNER** button.

**EDIT** Call up/Cancel the edit menu.

Call up/Cancel the menu for editing titles during playback.

**TIMER** ⌚ To make a TIMER programming with/without G-Code® system or to alter/clear programmed recordings.

**SELECT** Select function/value.

You can mark several titles in the media browser.

Switch on repeat play during playback from a disc.

You can switch to upper case characters if you enter names

**TUNER** This button lets you switch to the picture of the internal tuner (TV channel).

During play back from the Time Shift Buffer, you can jump to the actual TV show (live) of the selected TV channel.

**SYSTEM MENU** Call up/Cancel the system menu.

Depending on the operating mode from which you press this button:

•) DVD system menu: Press **DISC MENU** first.

•) HDD system menu: Press **TUNER** first.

**DISC MENU** For displaying the DVD menu or the index screen overview.

**INFO** For displaying additional information on the screen or the time shift buffer during playback/recording on the HDD.

**BROWSER HDD** Call up/cancel the overview of HDD recordings (media browser).

**GUIDE/TV** No function

▲ ▼ Cursor buttons up, down in the menus.

Previous or next position in the time shift buffer during playback from HDD.



◀ ▶ Cursor buttons left, right in the menus.  
Previous or next position during playback of a title from the HDD (media browser or time shift buffer). If you hold down this button you can faster browse through the recordings. The speed will increase automatically.

**OK** Confirming of functions  
Starting the playback from the beginning in the 'Media Browser'.

**STOP ■** Stop playback /Recording  
Hold down the button to open and close the disc tray.

**PAUSE II** If this button is pressed during playback, the DVD recorder switches to pause. You will see a still picture. If this button is pressed during recording in the 'Camera mode', the DVD recorder switches to pause and inserts a chapter marker.

**PLAY ▶** Play back a recorded disc.

**CHANNEL +** Next programme number

**CHANNEL -** Previous programme number

**JUMP BACK** To jump back a certain time period (factory setting 30 seconds) The setting can be changed in the settings of the HDD (button **TUNER** , **SYSTEM MENU** , line '*Set up*', '*Jump back*')

◀◀ Briefly press the button during playback: Previous chapter or previous title

Hold down the button: Search backwards

Hold down the button during the still picture: slow motion backwards  
In the title edit menu (button **EDIT** , line '*Video edit*') you can jump to the beginning during still picture (button **PAUSE II** ). This is needful if you want to hide a scene at the beginning.

▶▶ Briefly press the button during playback: Next chapter or next title

Hold down the button: Search forwards

Hold down the button during the still picture: slow motion forward  
In the title edit menu (button **EDIT** , line '*Video edit*') you can jump to the end during still picture (button **PAUSE II** ). This is needful if you want to hide a scene at the end.

**JUMP FWD** To jump forward a certain time period (factory setting 30 seconds) The setting can be changed in the settings of the HDD (button **TUNER** , **SYSTEM MENU** , line '*Set up*', '*Jump forward*')

**0..9** For entering numbers or characters at the corresponding entry fields.

**T/C** Switching between title and chapter for selection using ◀◀ , ▶▶ .

If '*INFO*' appears in the display, the index menu from a recorded disc will be shown or an introductory film will be played. In this case, this function is not available.

**DISC MANAGER** Call up/Cancel the disc manager (DM).

# Quick install guide



## Colour buttons

You can call up different functions in the menus using the following colour buttons. The functions will be shown in a bar at the bottom of the screen. If this bar is not visible, you can display it using the **INFO** button.

**Most of the colour buttons work only if this bar is visible.**

**RED** Red function button, in some screens the function of a 'clear' button (e.g. Disc Manager, 'Sort TV channels' menu, edit the title name,...). Stop recordings in the time shift buffer.

**GREEN** Green function button

**YELLOW** Yellow function button

**BLUE** Blue function button

## Additional TV functions

With the enclosed multicode remote control you can control the main functions of your TV set. To do this, you must first enter a code number that corresponds to the type/brand of your TV set. You will find the code numbers on the last page of the user manual. How to enter this code number you will read in the chapter 'Using your DVD-Recorder remote control with your TV set' in the user manual.

**TV VOLUME +** Increase TV volume

**TV VOLUME -** Reduce TV volume

For the following functions you need to hold down the **• TV** button (on the left side) and then select the function you need with the appropriate button.

**STANDBY** Switch on/off TV set

**0..9** Number buttons 0 - 9

**CHANNEL +** To select a higher programme number

**CHANNEL -** To select a lower programme number

Additional TV functions for Philips TV-sets if supported from the TV. You need to hold down the **• TV** button (on the left side).

**T/C** switch Teletext (TXT) on/off

**TIMER** Clock display on the screen on/off

**RETURN** To return to the previous selected TV program/ previous menu step

**SYSTEM MENU** Call up the System Menu from the TV

**▼ , ▲** In the menus cursor up/down

**◀ , ▶** In the menus cursor left/right

**OK** Confirm functions or settings

**RED , GREEN , YELLOW , BLUE** Colour buttons for special functions

**TUNER** Switching the TV from the external sockets to the internal tuner.



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